### **Quality Control**

CAESAR LORETZ GmbH Herderstr. 31

D-40721 Hilden

## **Certificate of analysis**



**Article** 7455 Natriumlactat-Lösung 50%

Synonym Natrii lactatis solutio

Sodium lactate solution 50% **Synonym** 

Batch 163210

Specification **PH.EUR. 8.0** 

**Expiry date** 09.2019

| Test                        | Specification | Result        |  |
|-----------------------------|---------------|---------------|--|
| Characters                  | In accordance | Complies      |  |
| -Appearance                 | In accordance | Complies      |  |
| -Solubility                 | In accordance | Complies      |  |
| Identification              | In accordance | Complies      |  |
| -A                          | In accordance | Complies      |  |
| -В                          | In accordance | Complies      |  |
| -Raman spectophotometry     | In accordance | Complies      |  |
| Tests                       | In accordance | Complies      |  |
| -Appearance of solution     | In accordance | Complies      |  |
| -рН                         | 6,5 - 9,0     | 7,4           |  |
| -Reducing sugar, saccharose | In accordance | Complies #    |  |
| -Chlorides                  | Max 50 ppm    | Max 50 ppm #  |  |
| -Oxalate, phosphate         | In accordance | Complies      |  |
| -Sulphates                  | Max 100 ppm   | Max 100 ppm # |  |
| -Barium                     | In accordance | Complies #    |  |
| -Iron                       | Max 10 ppm    | Max 10 ppm #  |  |
| -Heavy metals               | Max 10 ppm    | Max 10 ppm #  |  |
| Assay (sodium lactate)      | 48,0 - 52,0 % | 50,5 % #      |  |
| Complies specification      | ****          | Yes           |  |
|                             |               |               |  |

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Test Specification Result

Release date 16.12.2016 Head of Quality Control Fr. Dr. Haßel.

#### # Result taken from the manufacturer's certificate

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